

ABSTRACT

One embodiment of the invention relates to a media adapter adapted for coupling a networking device to a power line. This embodiment of the media adapter comprises a physical layer coupled to the power line, a medium access control (MAC) layer in communication with the physical layer, and an inter-working unit in communication with the MAC layer. The inter-working unit is adapted to translate information from a first format into a second format, which differs from the first format, to enable information to be received and transmitted over the power line.